

In Vitro Anergy: Genes Consistently Responsive to Ionomycin Alone

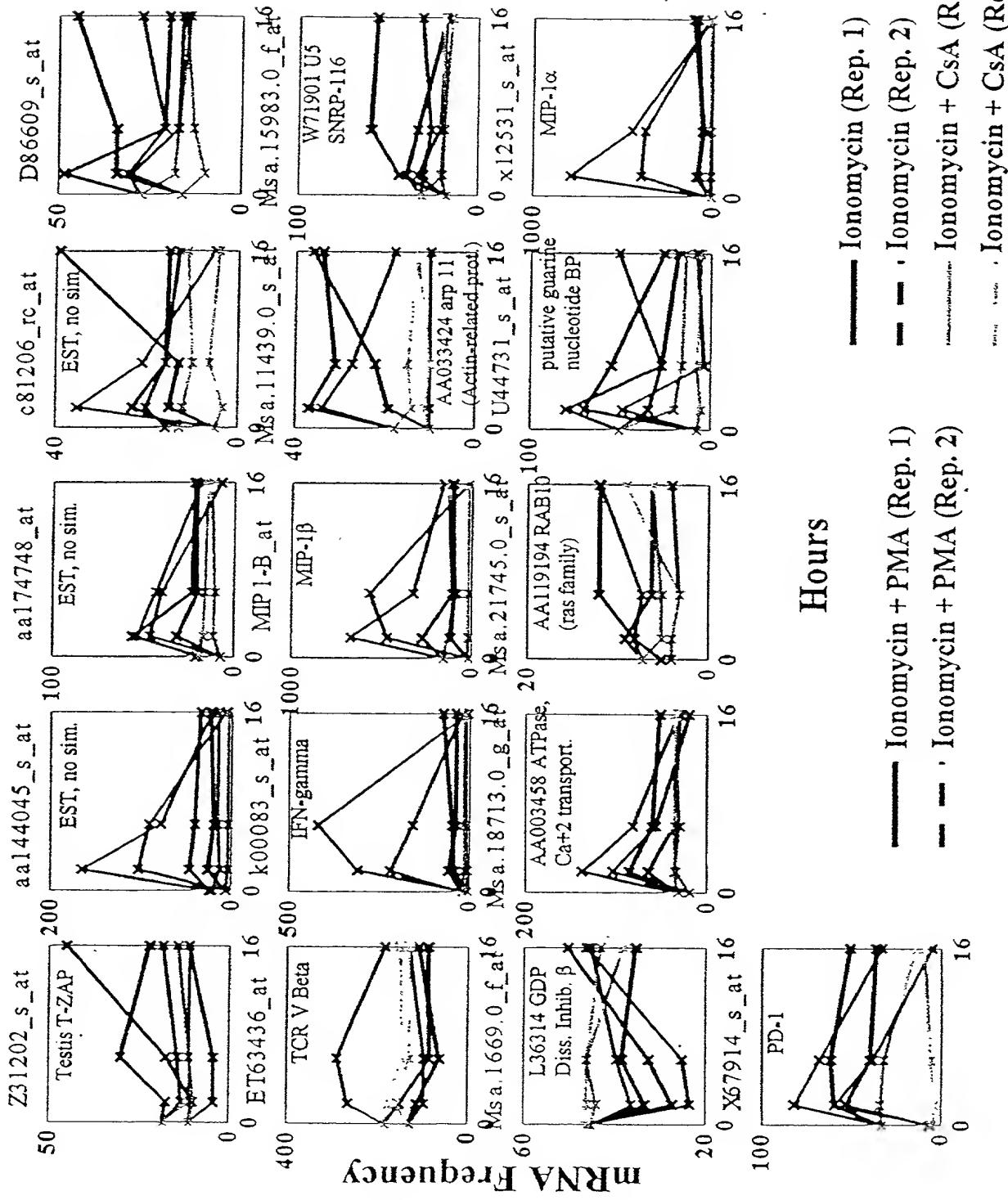


Figure 1

In Vitro Anergy: Genes Consistently Responsive to Ionomycin Alone (19K Chip)

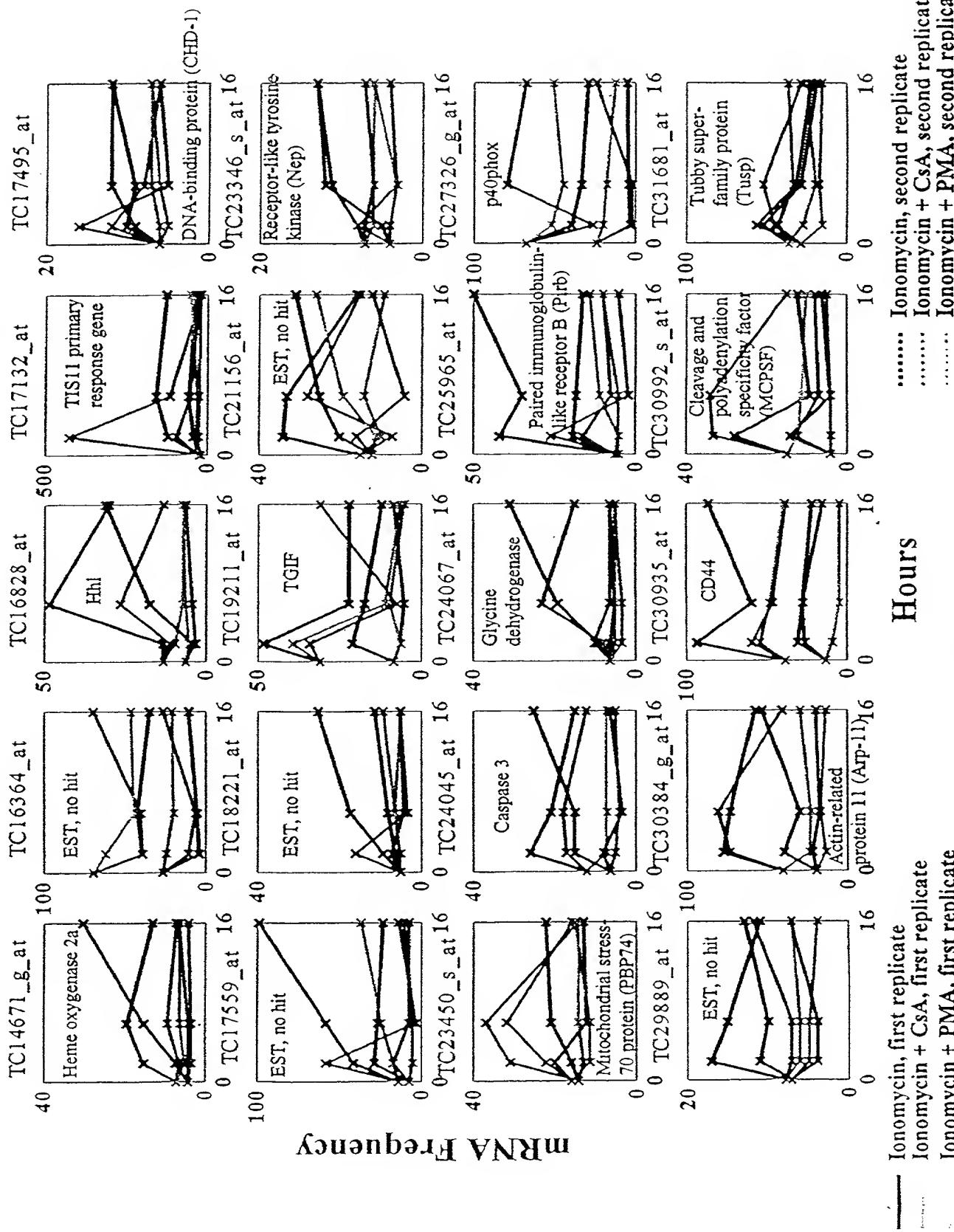
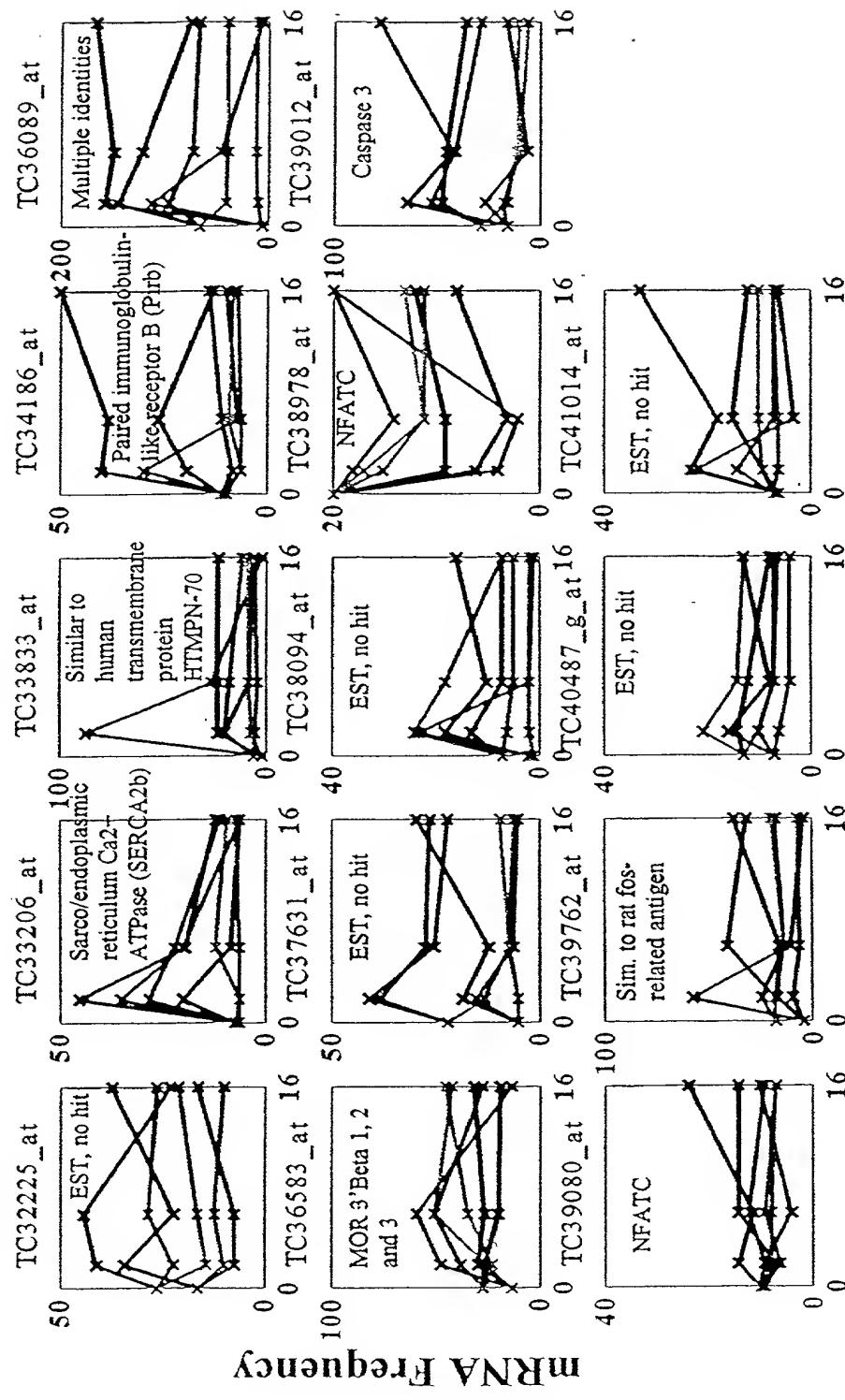


Figure 7A

In Vitro Anergy: Genes Consistently Responsive to Ionomycin Alone (19K Chip)



— Ionomycin, first replicate
 - - - Ionomycin + CsA, first replicate
 Ionomycin + PMA, second replicate

Figure 2B

..... Ionomycin, second replicate
 Ionomycin + CsA, second replicate
 Ionomycin + PMA, second replicate

Expression of Caspase 3 as Measured On the Immunology Chip and the MultiK Chips

First Replicate

Second Replicate

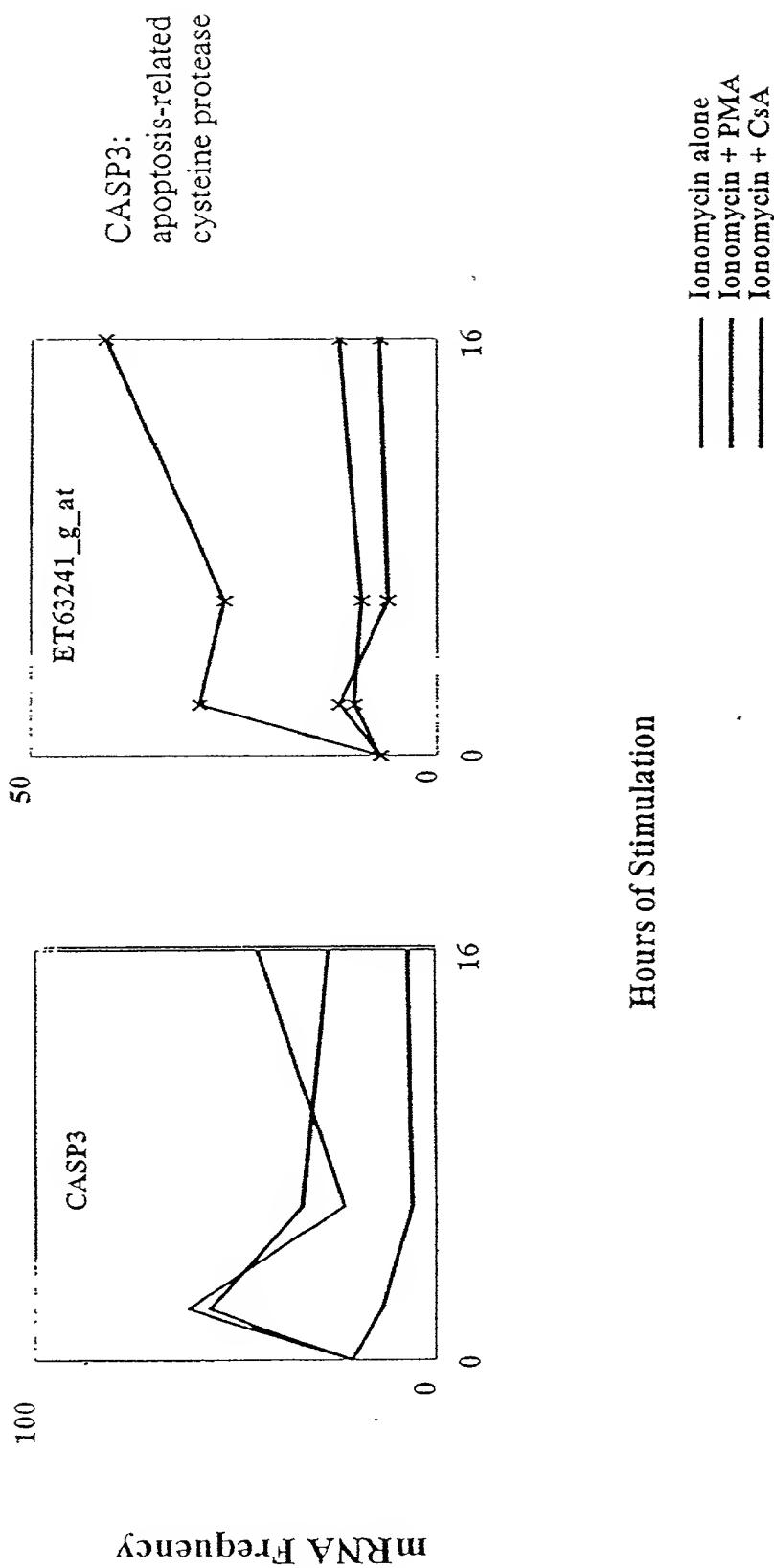
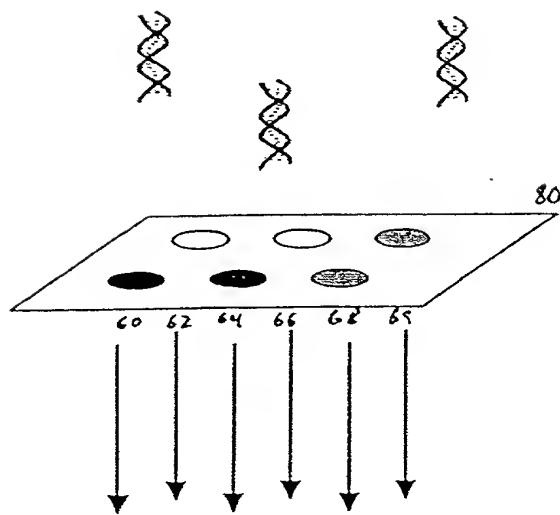


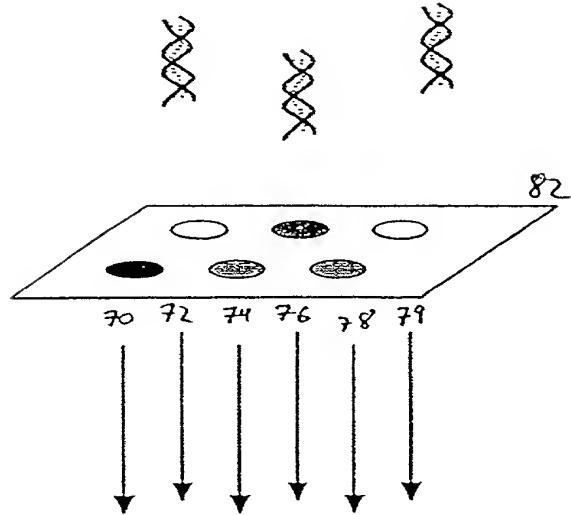
Figure 3

SAMPLE 52



$$\vec{x} = (x_a, x_b, x_c, x_d, x_e, x_f)$$

REFERENCE 54



$$\vec{y} = (y_a, y_b, y_c, y_d, y_e, y_f)$$

$$C = f(\vec{x}, \vec{y}) \quad \text{eq. 8}$$

Figure 4

Network for Diagnosing A Subject

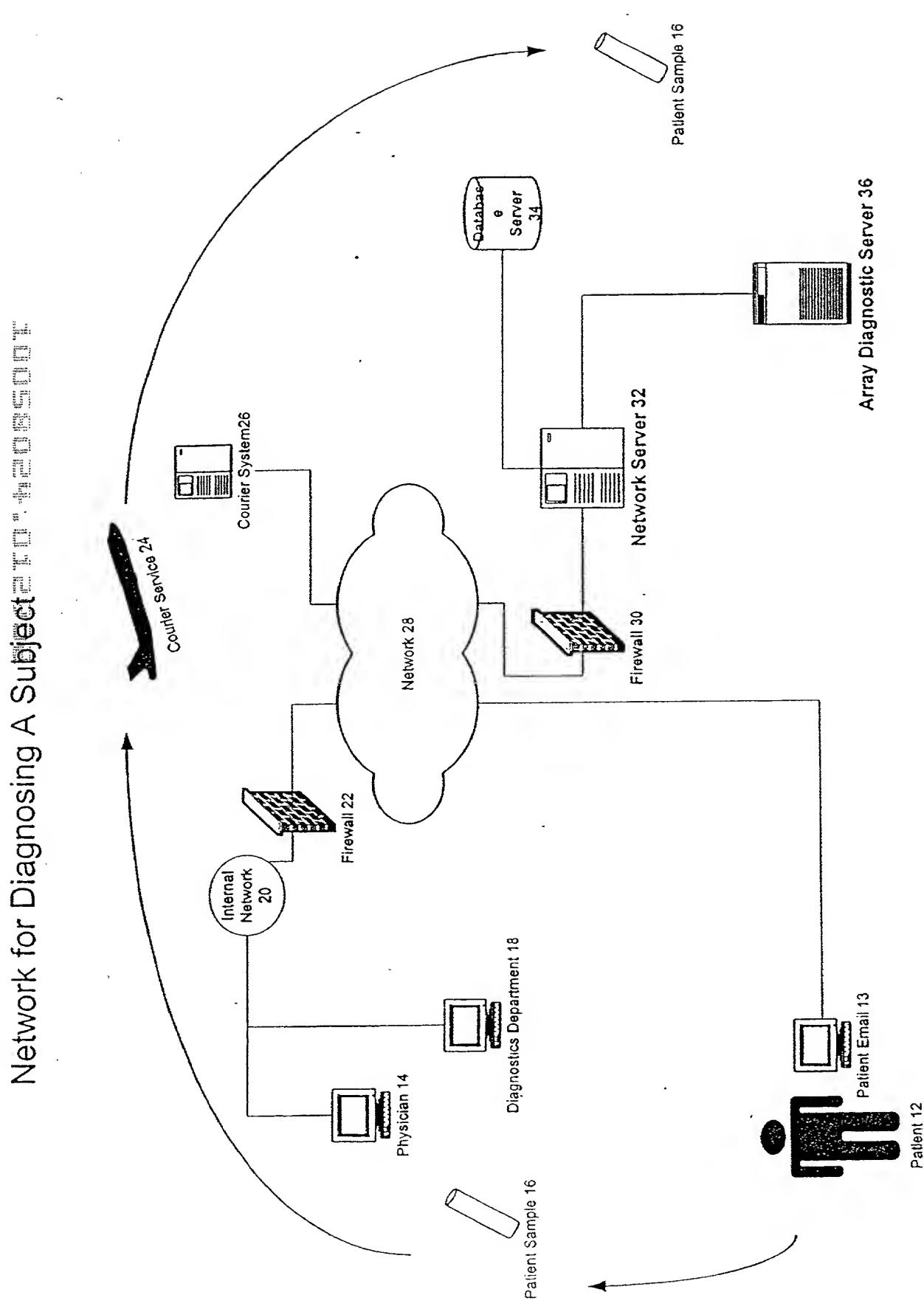


Figure 5

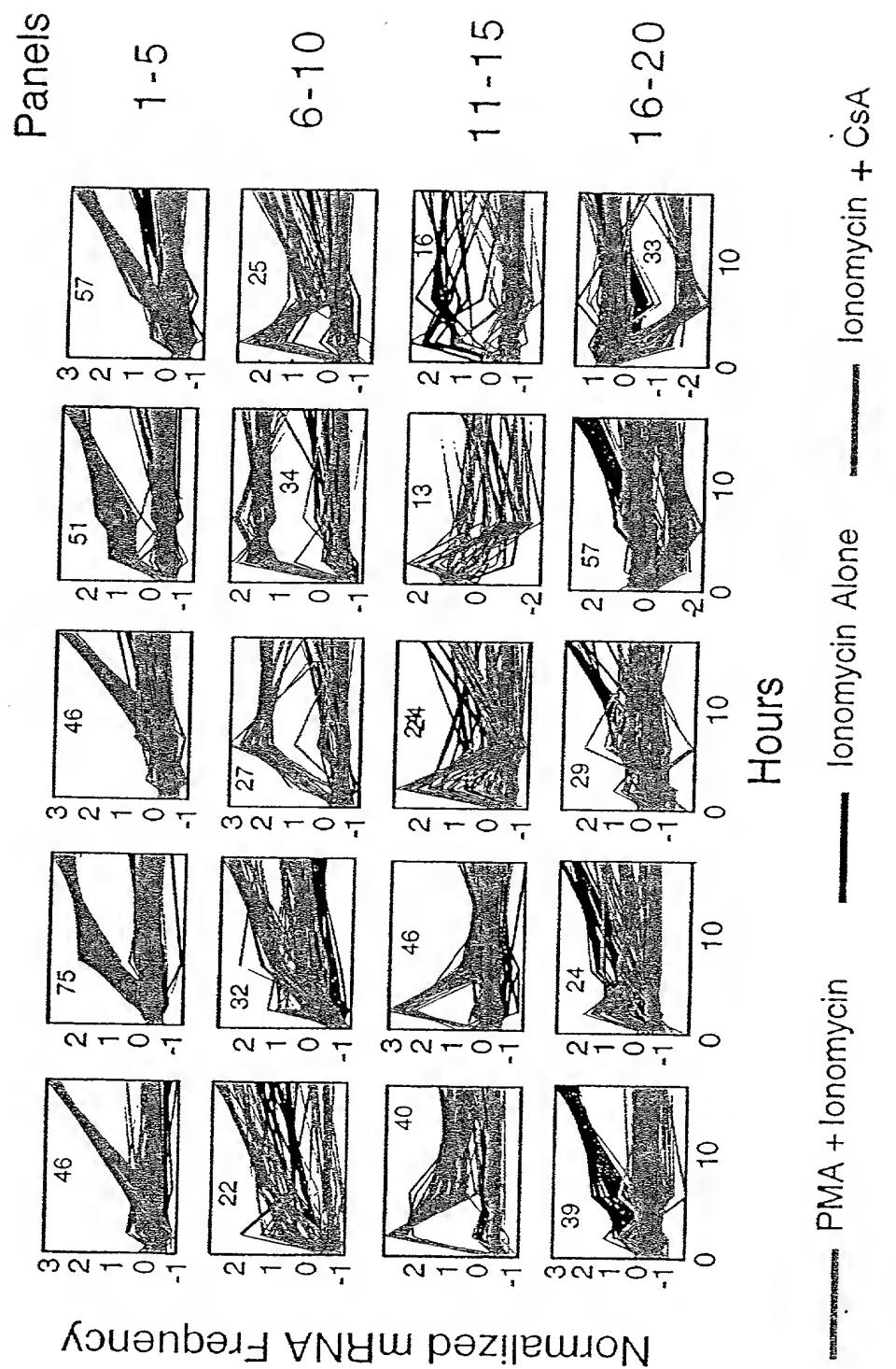
A

Figure 6A

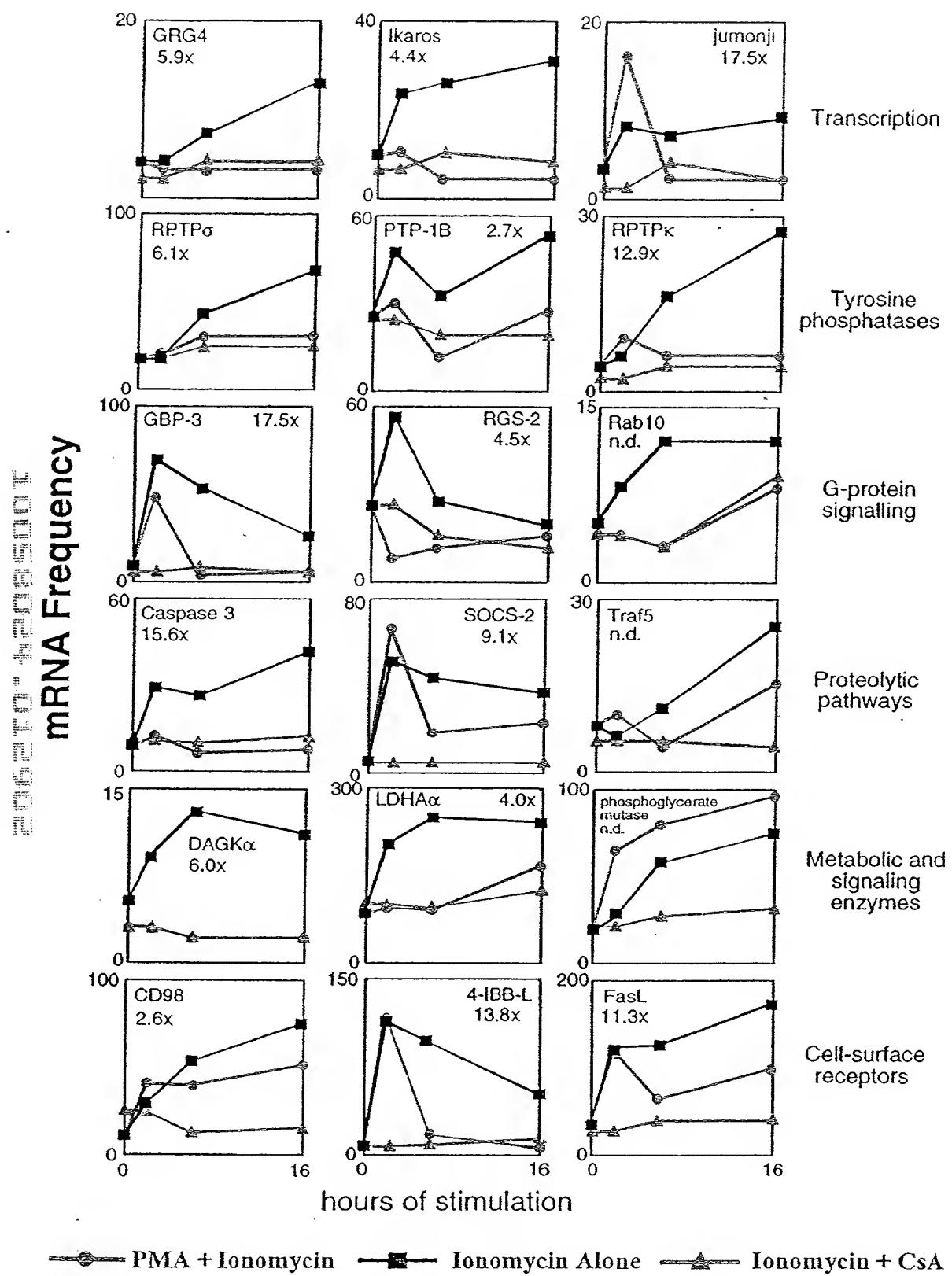


Figure 6B

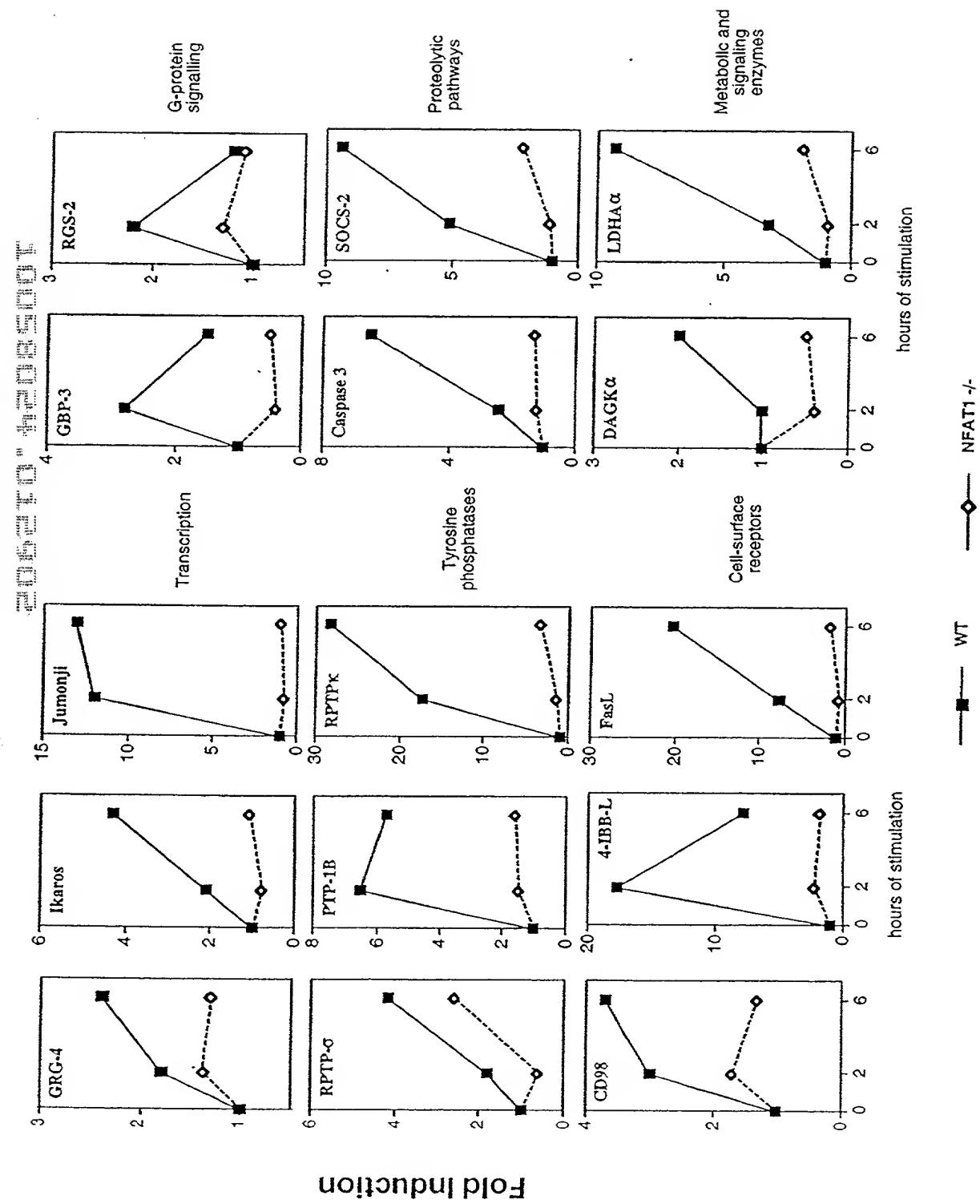


Figure 7A

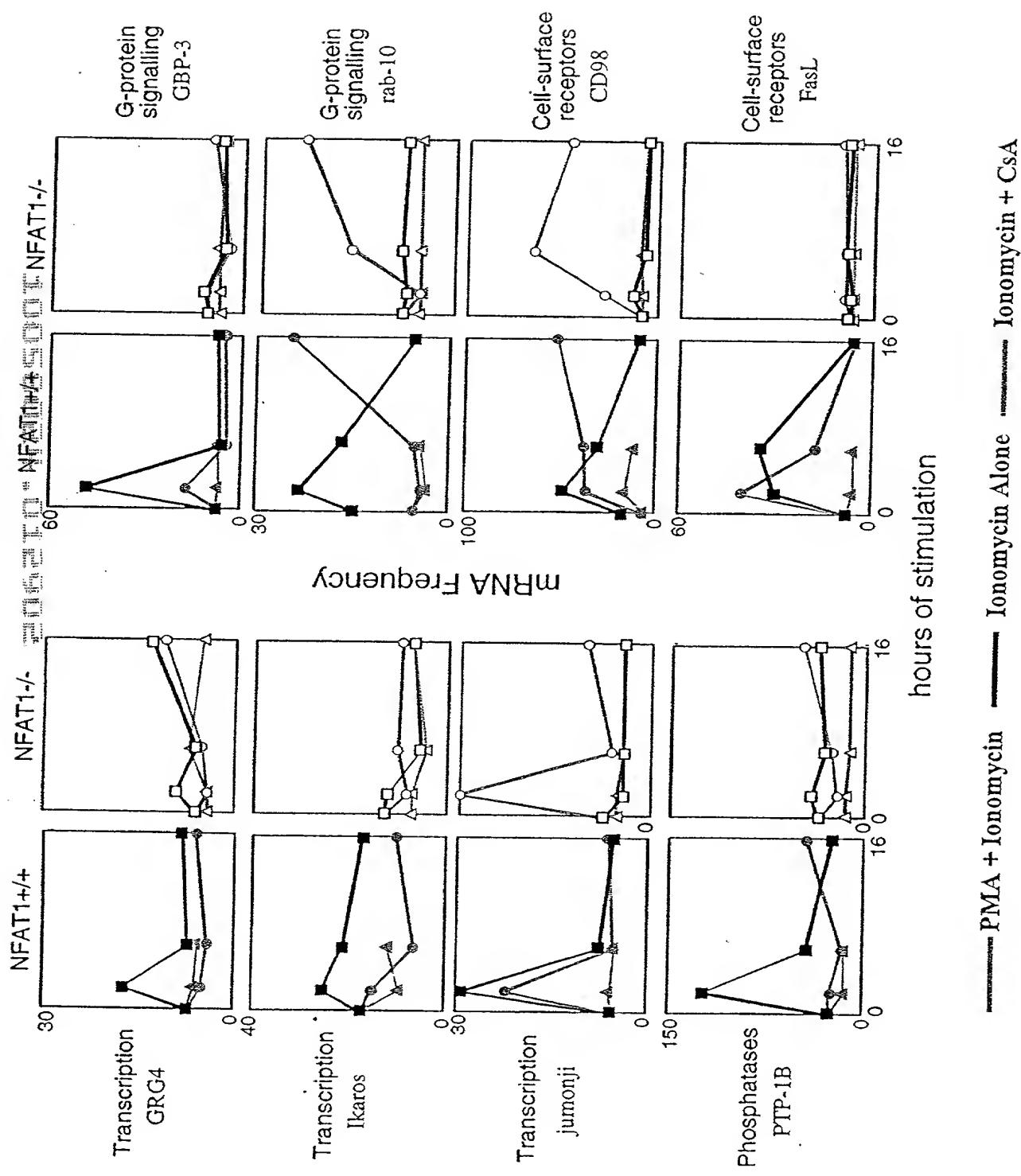
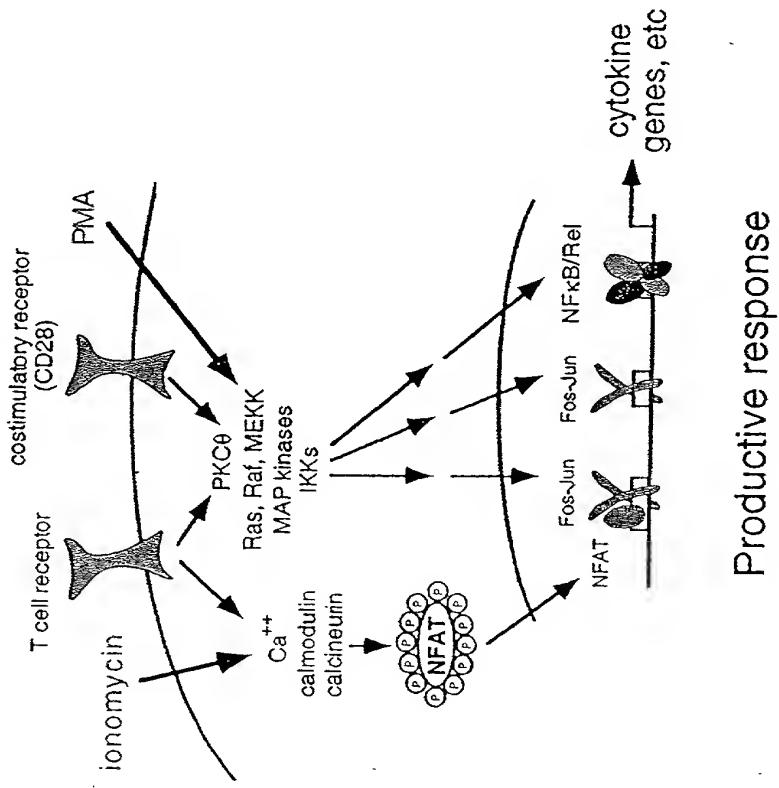


Figure 7B

Normal signalling



Incomplete signalling

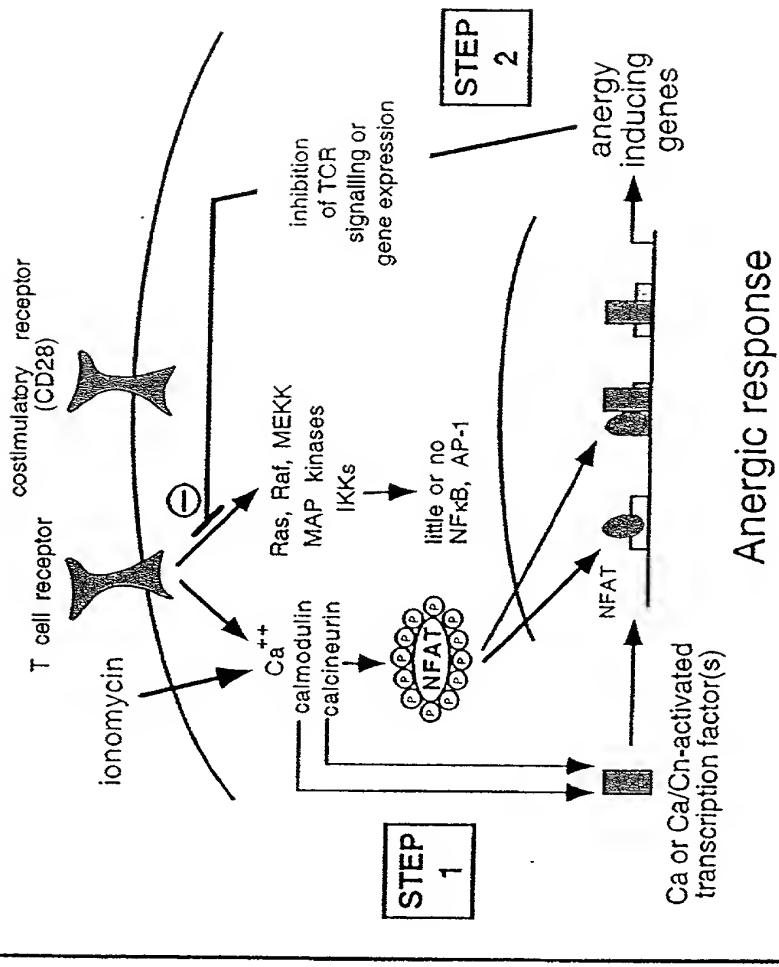


Figure 8